

CLAIMS

What is claimed is:

1 1. A method for printing a document accessible by a server,
2 the method comprising:
3 (a) creating on the server an original receipt for the document;
4 (b) providing at least one portion of the document from the
5 server to a print job agent;
6 (c) updating the original receipt to indicate the at least one
7 portion of the document was provided to the print job agent;
8 (d) communicating the at least one portion of the document
9 from the print job agent to an output device; and,
10 (e) printing the at least one portion of the document using the
11 output device.

1 2. The method of claim 1 further including:
2 (a) copying the original receipt to the print job agent; and,
3 (b) updating the copy of the receipt to indicate the at least one
4 portion of the document was printed.

1 3. The method of claim 1 further including before providing the
2 at least one portion of the document from the server to the print job agent, the
3 print job agent requesting the at least one portion of the document.

1 4. The method of claim 1 further including uniquely identifying
2 the output device to the server.

1 5. The method of claim 4 wherein uniquely identifying the
2 output device to the server includes conveying a serial number of the output
3 device to the server.

- 1 6. The method of claim 1 further including:
- 2 (a) the server encrypting the at least one portion of the
- 3 document before providing the at least one portion of the document to the print
- 4 job agent; and,
- 5 (b) the print job agent decrypting the at least one portion of the
- 6 document before communicating the at least one portion of the document to the
- 7 output device.

- 1 7. The method of claim 6 further including:
- 2 (a) uniquely identifying the output device to the server;
- 3 (b) the server obtaining a device specific public key for the
- 4 output device; and,
- 5 wherein the server encrypting the at least one portion of the
- 6 document includes the server using the public key to encrypt the at least one
- 7 portion of the document.

- 1 8. The method of claim 6 further including the server
- 2 communicating a symmetric key to the output device and wherein the server
- 3 encrypting the at least one portion of the document includes the server using
- 4 the symmetric key to encrypt the at least one portion of the document.

- 1 9. A system for printing a document accessible by a server,
- 2 the system comprising:
- 3 (a) a server having access to the document;
- 4 (b) means for creating an original receipt for the document on
- 5 the server;
- 6 (c) a print job agent;
- 7 (d) means for providing at least one portion of the document
- 8 from the server to the print job agent;
- 9 (e) means for updating the original receipt to indicate each
- 10 portion of the document provided to the print job agent;

- Sub A2
- 11 (f) an output device for printing the at least one portion of the
 12 document; and,
 13 (g) means for communicating the at least one portion of the
 14 document from the print job agent to the output device.

- 1 10. The system of claim 9 further including:
 2 (a) means for copying the original receipt to the print job agent;
 3 and,
 4 (b) means for updating the a copy of the receipt to indicate
 5 each portion of the document printed.

- Sub A2
- 1 11. ~~The system of claim 9 further including means for the print~~
 2 ~~job agent to request at least one portion of the document from the server.~~

- 1 12. The system of claim 9 further including means for uniquely
 2 identifying the output device to the server.

- 1 13. The system of claim 12 wherein the means for uniquely
 2 identifying the output device to the server includes means for conveying a serial
 3 number of the output device to the server.

- 1 14. The system of claim 9 wherein:
 2 (a) the server further includes means for encrypting the at least
 3 one portion of the document; and,
 4 (b) the print job agent further includes means for decrypting an
 5 encrypted portion of the document.

- 1 15. The system of claim 14 further including:
 2 (a) means for uniquely identifying the output device to the
 3 server;

(b) means for providing to the server a device specific public key for the output device; and,

wherein the means for encrypting the at least one portion of the document includes means for using the public key to encrypt the at least one portion of the document.

16. The system of claim 14 further including means for communicating a symmetric key from the server to the output device and wherein the means for encrypting the at least one portion of the document includes means for using the symmetric key to encrypt the at least one portion of the document.

17. A program storage system readable by a computer, tangibly embodying a program, applet, or instructions executable by the computer to perform method steps for printing a document accessible by a server, the method steps comprising:

- (a) creating on the server an original receipt for the document;
- (b) providing at least one portion of the document from the server to a print job agent;
- (c) updating the original receipt to indicate the at least one portion of the document was provided to the print job agent;
- (d) communicating the at least one portion of the document to an output device for printing the at least one portion of the document.

18. The program storage system of claim 17 wherein the method steps further include:

- (a) copying the original receipt to the print job agent; and,
- (b) updating the copy of the receipt to indicate the at least one portion of the document was printed.

1 19. The program storage system of claim 17 wherein the
2 method steps further include uniquely identifying the output device to the
3 server.

1 20. The program storage system of claim 17 wherein the
2 method steps further include:

3 (a) encrypting the at least one portion of the document before
4 providing the at least one portion of the document from the server to the print
5 job agent; and,

6 (b) decrypting the at least one portion of the document before
7 communicating the at least one portion of the document from the print job agent
8 to the output device.

[illegible]